

**KEMET Part Number: R75QR3330AA30J**  
(75QR3330AA30J)

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a YAGEO company

R75, Film, Metallized Polypropylene, General Purpose, 0.33 uF, 5%, 1000 VDC, 85°C, Lead Spacing = 27.5mm



### General Information

<b>Series:</b>	R75
<b>Dielectric:</b>	Metallized Polypropylene
<b>Style:</b>	Radial
<b>Features:</b>	Pulse
<b>RoHS:</b>	Yes
<b>Lead:</b>	Cut
<b>AEC-Q200:</b>	No
<b>Miscellaneous:</b>	Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C .

### Dimensions

<b>L</b>	32mm +0.3/-0.7mm
<b>H</b>	20mm +0.1/-0.7mm
<b>T</b>	11mm +0.2/-0.7mm
<b>S</b>	27.5mm +/-0.4mm
<b>LL</b>	4mm +2mm
<b>F</b>	0.8mm +/-0.4mm

### Specifications

<b>Capacitance:</b>	0.33 uF
<b>Capacitance Tolerance:</b>	5%
<b>Voltage AC:</b>	250 VAC
<b>Voltage DC:</b>	1000 VDC
<b>Temperature Range:</b>	-55/+105°C
<b>Rated Temperature:</b>	85°C
<b>Dissipation Factor:</b>	0.05% 1kHz, 0.08% 10kHz
<b>Insulation Resistance:</b>	100 GOhms
<b>Max dV/dt:</b>	350 V/us
<b>Resistance:</b>	9.646 mOhms (100kHz)
<b>Ripple Current:</b>	8.126 Amps (100kHz 85C), 116 Amps (Peak)
<b>Inductance:</b>	18 nH

### Packaging Specifications

<b>Packaging:</b>	Tray
<b>Packaging Quantity:</b>	560

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